

Your Continuous Delivery Assignment Instructions

For this assignment you'll be developing:

- A diagram of your current delivery process (code inception to customer/user release)
- Notes on what's working well, what isn't, and how you might improve it
- A prioritized list of process and infrastructure updates related to your delivery

Assignment Instructions

Use the tutorial and facilitator guide below these instructions to complete the following four steps:+

- 1. Briefly define your project area with a positioning statement and core value hypothesis statement** to give your peer reviewers the context to understand the work you're presenting for this assignment. You may use the project definition statement from a previous course assignment, or create a new one.
 - a. Introduce your idea with the following positioning statement:**
For (target customer) who (statement of the need or opportunity), the (product name) is a (product category) that (statement of key benefit – that is, compelling reason to buy). Unlike (primary competitive alternative), our product (statement of primary differentiation).
Frame your core/summary value hypothesis. This is just a very high level summary of what you want to do for the user and how you hope they'll respond. You'll use the same general format we've been applying for assumptions:
[A certain persona exists] and they have [certain specific problems] where they're currently using [certain alternatives] and if we [deliver a certain proposition] they will [do something-buy, etc.].
- 2. Create a diagram that describes your process.** Describe the steps and for each include the roles involved at each step, the systems, and the data (code, unit tests, artifacts, etc.).
- 3. Create a prioritized list of process and infrastructure updates related to your delivery.** Discuss the processes and ideas for improving them. Use the template (Microsoft Word version provided separately in the Tutorial & Facilitator Guide) to organize your observations and learnings. What did you learn? What does the team think? Please use the current rows as a minimum, but feel free to add others- just make sure they're explained for your peer reviewer.

Area	Notes
Commit & Small Tests	[Descriptive notes on how it works now. What do you/the team think is working well? What do you/the team think could be better? What are your/the team's highest priority ideas for improvement? Roughly how much time and money do they require?]

Medium (Integration) Tests	[Descriptive notes on how it works now. What do you/the team think is working well? What do you/the team think could be better? What are your/the team's highest priority ideas for improvement? Roughly how much time and money do they require?]
Large (System) Tests	[Descriptive notes on how it works now. What do you/the team think is working well? What do you/the team think could be better? What are your/the team's highest priority ideas for improvement? Roughly how much time and money do they require?]
Manual Validation	[Descriptive notes on how it works now. What do you/the team think is working well? What do you/the team think could be better? What are your/the team's highest priority ideas for improvement? Roughly how much time and money do they require?]
Release	[Descriptive notes on how it works now. What do you/the team think is working well? What do you/the team think could be better? What are your/the team's highest priority ideas for improvement? Roughly how much time and money do they require?]

4. **Assess your highest priority opportunities for improvement.** Overall, across the whole process, what do you think are the highest priority places to start investing in improvement, be that process improvement and/or infrastructure improvements (automation, systems, etc.)? Provide a brief rationale.